The World in Communication

Connection Hints
Motor-Bike Microphone/Headphone Combinations

MHS-300 (for Integral-Helmets) / MHS-500 (for Jet-Helmets)
For 2-way-radios with 2.5/3.5 mm audio-sockets

The Albrecht motor-bike helmet mic /phone combination is designed for motor-bike radio communication via LPD, amateur, CB or PMR hand held radios with standard 2 plug wiring like most of Albrecht, ALAN and other radios have.

The sets have very flat, soft and convenient headphone speakers and a microphone to be placed in the bike helmet (MHS-300 for integral-helmets) or a microphone with goose-neck mount for Jet helmets (MHS-500), and a water-proof PTT button for mounting on the handlebars or any other suitable place. Mic and phones can be fixed via adhesive pads and velcro fastening, the PTT has an adjustable velcro fastening tape.
The microphone shall be attached at the helmet as near as possible to the mouth, but please take care that no excessive wind noise will be picked up by the microphone directly. In case of the MHS-500 goose neck microphone, please clean the helmet surface carefully before attaching the adhesive pad. Use only window cleaner fluid, but never chemical solvents! Please note that it may take some hours until the mechanical fixing will be strong enough.

Please fix the earphones so, that You obtain a short distance between phones and ears. If You should use a radio which produces not adjustable beep tones, it may be necessary to increase the distance between ear and phone position in the helmet accordingly. To protect Your ears, please test the position and the volume adjustment at the radio carefully beginning with lower levels.

Connect the cable connectors from MIC/Earphone and PTT key set to the multi-pin connectors of the cable set, and the other side to the radio. The extractable coiled cable is for the MIC-Earphone connection, the other cable for the PTT (the cable connectors have also markings).

If You use MHS-300 or MHS-500, plug the combined 3.5/2.5 mm plug into the earphone and mic sockets of Your radio.

There is no need for any battery, the set is powered by the radio.

Important notes:

The motor bike set with the PTT key is not designed to be used for VOX operation. If desired, a VOX adapter (order-nr. 41883, separately available) can allow VOX operation at low speed bikes. This VOX adapter is connected instead of the PTT. Because of technical reasons the MHS 300 set cannot be used together with Multicom Pro and Tectalk Contact PMR radios. For Operation with Albrecht radios Tectalk, Tectalk FM, Freestyle, GP 1 or Joker, You will need the adapter order nr. 29254.

The set fullfills the european standards ETS 300 680, ETS 300 683, ETS 300 684, ETS 300 279 and EN 301 489-X series und has CE-marking. Because of EMC reasons It may be used only with the standard cable set or cable length below 3 meters.

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